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AMSAT NEWS SERVICE SPECIAL BULLETIN
ANS-204

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to:
ans-editor at amsat.org.

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see:
http://www.amsat.org/mailman/listinfo/ans

In this edition:

* AMSAT Partners with UMaine's WiSe-Net Lab to Develop Maine's First Small Satellite

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ANS-204 AMSAT News Service Special Bulletin

AMSAT News Service Bulletin 204.01
 From AMSAT HQ KENSINGTON, MD.
DATE July 22, 2020
To All RADIO AMATEURS
BID: $ANS-204.01

AMSAT Partners with UMaine's WiSe-Net Lab to Develop Maine's First Small Satellite

The University of Maine Wireless Sensing Laboratory (WiSe-Net Lab) and AMSAT have signed an agreement to collaborate on building and operating MESAT1, Maine’s first small satellite, to be launched in space in the next three years.

MESAT1 is Maine's first CubeSat – one of 18 small research satellites selected by NASA to carry auxiliary payloads into space between 2021–23. It is part of NASA’s CubeSat Launch Initiative that provides opportunities for nanosatellite science and technology payloads built by universities, schools and nonprofit organizations to ride share on space launches.

UMaine’s WiSe-Net Lab, established in 2005, is involved in aerospace and space research. The lab was founded by Ali Abedi, KB1VJV, assistant vice president for research and director of the Center for Undergraduate Research. Lab researchers have developed the first wireless sensor network for NASA’s lunar habitation project and launched wireless leak-detection to the International Space station.

The MESAT1 initiative will enable K–12 students and teachers in Maine

to access space data for educational and research purposes, and encourage students to pursue STEM careers.

AMSAT will provide a Linear Transponder Module (LTM) along with integration and operational support for MESAT1. AMSAT's LTM incorporates a VHF/UHF telemetry beacon, command receiver, and linear transponder. It will be available for radio amateurs worldwide to use when the satellite is commissioned.

AMSAT President Clayton Coleman, W5PFG, celebrated the announcement. "This is a great day for AMSAT and UMaine's Wise-Net Lab. This partnership is a true win-win for both education and the amateur radio community. The collaborative effort under AMSAT's engineering and operations teams has once again succeeded to bring another opportunity to AMSAT."

[ANS thanks AMSAT and UMaine's WiSe-Net Lab for the above information]

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive addi-tional benefits. President's Club donations may be made at https://tinyurl.com/ANS-PresClub.

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the stu-dent rate for a maximum of 6 post-secondary years in this status.

Join AMSAT today at https://launch.amsat.org/

73 and remember to help Keep Amateur Radio in Space,

This week's ANS Contributing Editor,

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